

WHAT IS CLAIMED IS

1. A method for manufacturing an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising the steps of: arranging two forming pins for forming the guide pin holes and a plurality of forming pins for forming the fiber holes in a cavity of a forming mold so as to be parallel to one another; and injecting melted material resin into the cavity from one resin injection port formed in the cavity.
2. A method for manufacturing an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising the steps of: arranging two forming pins for forming the guide pin holes and a plurality of forming pins for forming the fiber holes in a cavity of a forming mold in parallel to one another; and injecting melted material resin into the cavity from one resin injection port which is formed on a flat face with the maximum area of respective flat faces of the cavity.
3. A method for manufacturing an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising the steps of: arranging two forming pins for forming the guide pin holes and a plurality of forming pins for forming the fiber holes in a cavity of a forming mold in parallel to one another; and injecting melted material resin into the cavity from one resin injection port formed on a flat face with the maximum area of respective flat faces of the cavity and at a center of alignment direction of the forming pins.

4. A method for manufacturing an optical connector ferrule according to any one of claims 1 to 3, wherein fusion viscosity of the material resin injected into the cavity is 300Pa·sec or more.

5. A forming mold used for molding an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising: a cavity where two forming pins for forming the guide pin holes are arranged in parallel to each other at a predetermined interval and a plurality of forming pins for forming the fiber holes can be arranged in parallel to one another between the two forming pins; and one resin injection port through which melted material resin can be injected into the cavity.

6. A forming mold used for molding an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising: a cavity where two forming pins for forming the guide pin holes are arranged in parallel to each other at a predetermined interval and a plurality of forming pins for forming the fiber holes can be arranged in parallel to one another between the two forming pins; and one resin injection port through which melted material resin can be injected into the cavity, wherein the resin injection port is formed on a flat face with the maximum area of respective flat faces forming the cavity.

7. A forming mold used for molding an optical connector ferrule where a plurality of fiber holes are arranged between two guide pin holes, comprising: a cavity where two forming pins

for forming the guide pin holes are arranged in parallel to each other at a predetermined interval and a plurality of forming pins for forming the fiber holes can be arranged in parallel to one another between the two forming pins; and one resin injection port through which melted material resin can be injected into the cavity, wherein the resin injection port is formed on a flat face with the maximum area of respective flat faces forming the cavity and at a center of alignment direction of the forming pins.